

\*Estimate  
N/A-Not Applicable  
N/R-Not Restricted  
N/E-Not Established

# MATERIAL SAFETY DATA SHEET

<b>NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.</b>					
<b>IDENTITY</b> (As shown on Label or package) <b>PLASTI DIP and PLASTI DIP UV (F-698, 819, 820)</b>			<b>PART NO.</b> <b>IF APPLICABLE 29980036</b>		
<b>SECTION I</b>					
<b>MANUFACTURER'S NAME</b> Plasti Dip International Inc.			<b>EMERGENCY PHONE No.</b> USA only: 1-800-424-9300 INT'L: 703-527-3887		
<b>ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)</b> 3920 Pheasant Ridge Drive			<b>REVISION #</b> 0003		
Blaine, MN 55449			<b>MANUFACTURER'S PHONE No. FOR INFORMATION</b> 1-763-785-2156		
			<b>DATE MSDS WAS PREPARED</b> October 20, 2004		
<b>SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.</b>					
<b>HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)</b>	<b>% Wt. (OPTIONAL)</b>	<b>CAS NO.</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMEND</b>
VM&P Naphtha	36.5 – 37.1	64742-89-8	300 ppm	300 ppm	None
Hexane	18.2 – 18.6	110-54-3	500 ppm	50 ppm	None
Toluene	14.6 – 14.8	108-88-3	200 ppm	50 ppm	None
Methyl Ethyl Ketone	3.5 – 3.7	78-93-3	200 ppm	200 ppm	None
Resins	25.8 – 27.1	N/A	N/A	N/A	None
<b>SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS</b>					
<b>BOILING POINT</b> 149-285°F	<b>SPECIFIC GRAVITY (H<sub>2</sub>O =1)</b> 0.79 – 0.83		<b>APPROXIMATE WEIGHT PER GALLON (LBS)</b> 6.60 – 6.90		
<b>VAPOR PRESSURE</b> 125 mmHg @ 20°C	<b>VAPOR DENSITY (AIR = 1)</b> Heavier than air		<b>EVAPORATION RATE (BUTYL ACETATE =1)</b> >1.0		
<b>SOLUBILITY IN WATER</b> Insoluble	<b>% VOLATILE</b> 72.8 – 74.8 <b>VOC LBS/GAL</b> 4.9-5.0		<b>OTHER (IF ANY)</b> None		
<b>APPEARANCE AND ODOR</b> Various colors, Honey Like Substance – Characteristic Odor					
<b>SECTION IV-FIRE AND EXPLOSION HAZARD DATA</b>					
<b>FLASH POINT</b> -10.0°F (METHOD USED) TCC		<b>FLAMMABLE LIMITS</b>	<b>LEL</b> 0.9	<b>UEL</b> 11.5	
<b>EXTINGUISHING MEDIA</b> Carbon Dioxide, Dry Chemical, or Foam					
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
<b>HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION</b> Carbon Dioxide and/or Carbon Monoxide					
<b>EXPLOSIVE LIMITS (% BY VOLUME IN AIR)</b> 0.9 – 11.5					
<b>SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION</b>					
<b>HAZARD RATING</b> 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		<b>National Fire Protection Association (NFPA)</b>  <b>FIRE</b> <u>3</u> <b>REACTIVITY</b> <u>0</u> .  <b>HEALTH</b> <u>2</u> <b>SPECIAL HAZARDS</b> <u>None</u> .			

<b>SECTION VI - REACTIVITY AND STABILITY DATA</b>				
<b>STABILITY</b>		<b>UNSTABLE      STABLE X</b>		
<b>INCOMPATIBILITY (Materials to Avoid)</b> Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.				
<b>HAZARDOUS DECOMPOSITION OR BY PRODUCTS</b> Carbon Monoxide, Carbon Dioxide				
<b>HAZARDOUS POLYMERIZATION</b>		<b>MAY OCCUR</b> <b>WILL NOT OCCUR X</b>		<b>CONDITIONS TO AVOID</b> May be ignited by heat, sparks, flame or static electricity.
<b>SECTION VII - HEALTH HAZARD DATA</b>				
<b>ROUTES OF ENTRY</b>		<b>INHALATION? YES</b>	<b>SKIN? YES</b>	<b>INGESTION? YES      EYES? YES</b>
<b>HEALTH HAZARDS</b>	<b>ACUTE</b> X			
	<b>CHRONIC</b> X			
<b>CARCINOGENICITY:</b> No				
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>				
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.				
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE</b>				
<b>EMERGENCY AND FIRST AID PROCEDURES</b>				
Ingestion: Contact Physician or Poison Control Immediately.				
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.				
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.				
Skin: Wash with soap and water.				
<b>SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>				
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>				
Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.				
Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's. Use sand or other material to dam or contain Spills. If large spill, notify appropriate state and local agencies.				
<b>WASTE DISPOSAL METHODS</b> Dispose of product in accordance with local, county, state and federal regulations.				
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE</b>				
Avoid eye contact with eyes. Keep container closed. Use with adequate ventilation. Keep away from sparks, flame and heat Sources and store in a cool area. Avoid inhalation of vapors and personal contact with liquid product.				
Use good personal hygiene practices.				
<b>OTHER PRECAUTIONS</b>				
Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.				
<b>SECTION IX - CONTROL MEASURES</b>				
<b>RESPIRATORY PROTECTION (SPECIFY TYPE)</b> Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.				<b>PROTECTIVE GLOVES</b> Impervious Gloves
<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> Supplemental (if needed)			<b>SPECIAL</b> None
	<b>MECHANICAL (GENERAL)</b> To maintain exposure below PEL's			<b>OTHER</b> None
<b>EYE PROTECTION</b> Chemical splash goggles, or approved eye protection.				<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b> Chemical Apron/Eye bath/Safety Shower
<b>WORK HYGIENIC PRACTICES</b> Wash thoroughly after handling.				
<b>SECTION X - TRANSPORTATION INFORMATION</b>				
<b>DOT PROPER SHIPPING NAME</b> Coating Solution			<b>DOT HAZARD CLASS</b> 3	
<b>DOT UN NUMBER</b> UN1139			<b>DOT PACKING GROUP</b> II	
<b>IATA PROPER SHIPPING NAME</b> Coating Solution			<b>IATA HAZARD CLASS</b> 3	
<b>IATA UN NUMBER</b> UN 1139			<b>IATA PACKING GROUP</b> II	
<b>SECTION XI - 313 SUPPLIER NOTIFICATION</b>				
<b>THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight).</b> Hexane, Toluene, and Methyl Ethyl Ketone				
<b>WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.</b>				

This is the "back" when printed in duplex. Page 2 of 2 pages if not duplex.

Prepared By: Andrew Stooksbury

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# MATERIAL SAFETY DATA SHEET

NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.

<b>IDENTITY</b> (As shown on Label or package) <b>PLASTI DIP SPRAY (ALL COLORS)</b>	<b>PART NO.</b> IF APPLICABLE 29980067
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## SECTION I

<b>MANUFACTURER'S NAME</b> Plasti Dip International Inc.	<b>EMERGENCY PHONE No.</b> USA only: 1-800-424-9300 INT'L: 703-527-3887
<b>ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)</b> 3920 Pheasant Ridge Drive	<b>REVISION #</b> 0004
Blaine, MN 55449	<b>MANUFACTURER'S PHONE</b> No. FOR INFORMATION 1-763-785-2156
	<b>DATE MSDS</b> WAS PREPARED October 20, 2004

**SECTION II - HAZARDOUS INGREDIENTS INFORMATION.** All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.

HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)	% Wt. (OPTIONAL)	CAS NO.	OSHA PEL	ACGIH TLV	OTHER LIMITS RECOMMEND
Propane	24	74-98-6	1000 ppm	1000 ppm	None
V M & P Naphtha	18	64742-89-8	300 ppm	300 ppm	None
Xylene	15	1330-20-7	100 ppm	100 ppm	None
Heptane	13	426260-76-6	500 ppm	400 ppm	None
N-Butane	11	106-97-8	800 ppm	800 ppm	None
Ethylbenzene	3	100-41-4	100 ppm	100 ppm	None
Methyl n-Amyl Ketone	3	110-43-0	100 ppm	50 ppm	None

## SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>BOILING POINT</b> <0 - 325 °F	<b>SPECIFIC GRAVITY (H<sub>2</sub>O =1)</b> 0.67	<b>APPROXIMATE WEIGHT PER GALLON (LBS)</b> 5.59
<b>VAPOR PRESSURE</b> 760 mm Hg @ 20 °C	<b>VAPOR DENSITY (AIR = 1)</b> Heavier than Air	<b>EVAPORATION RATE (BUTYL ACETATE =1)</b> >1.0
<b>SOLUBILITY IN WATER</b> N/A	<b>% VOLATILE</b> 87%	<b>OTHER (IF ANY)</b>

**APPEARANCE AND ODOR** Various colors, syrupy liquid, with solvent odor

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT</b> Propellant < 0 °F	<b>FLAMMABLE LIMITS</b>	<b>LEL</b> 0.9	<b>UEL</b> 9.5
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## EXTINGUISHING

**MEDIA** Carbon Dioxide, Dry Chemical, or Foam

## SPECIAL FIRE FIGHTING

**PROCEDURES** Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND** This material is flammable and may be ignited by heat, sparks, flame or static electricity.

**EXPLOSION HAZARDS** Level 3 aerosol (NFPA 30B). Contents under pressure if heated over 120°F aerosol can could explode, even when empty.

## HAZARDOUS PRODUCTS FORMED BY

**FIRE OR THERMAL DECOMPOSITION** Carbon Dioxide and/or Carbon Monoxide

## EXPLOSIVE LIMITS

(% BY VOLUME IN AIR) 0.9 - 9.5

## SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION

<b>HAZARD RATING</b> 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV	<b>National Fire Protection Association (NFPA)</b>  <b>FIRE</b> <u>4</u> <b>REACTIVITY</b> <u>0</u>  <b>HEALTH</b> <u>2</u> <b>SPECIAL HAZARDS</b> <u>NONE</u>
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<b>SECTION VI - REACTIVITY AND STABILITY DATA</b>			
<b>STABILITY</b>	UNSTABLE      STABLE X		
<b>INCOMPATIBILITY (Materials to Avoid)</b> Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.			
<b>HAZARDOUS DECOMPOSITION OR BY PRODUCTS</b> Carbon Monoxide and/or Carbon Dioxide			
<b>HAZARDOUS POLYMERIZATION</b>	MAY OCCUR WILL NOT OCCUR X	<b>CONDITIONS TO AVOID</b> Avoid contact with heat, sparks, and open flame. Product may explode if heated.	
<b>SECTION VII - HEALTH HAZARD DATA</b>			
<b>ROUTES OF ENTRY</b>	INHALATION? YES	SKIN? YES	INGESTION? YES      EYES? YES
<b>HEALTH HAZARDS</b>	ACUTE X CHRONIC X		
<b>CARCINOGENICITY:</b> IARC 2B			
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE</b>			
<b>EMERGENCY AND FIRST AID PROCEDURES</b>			
Ingestion: Contact Physician or Poison Control Immediately.			
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.			
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.			
Skin: Wash with soap and water.			
<b>SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>			
Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.			
Eliminate all sources of ignition.			
Ventilate to maintain exposure below PELs.			
<b>WASTE DISPOSAL METHODS</b> Dispose of product in accordance with local, county, state and federal regulations.			
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE</b>			
Keep away from sparks, flames, and heat sources.			
Do Not store above 120°F			
Level 3 aerosol (NFPA 30B).			
<b>OTHER PRECAUTIONS</b>			
Keep Container Closed When Not In Use. Store this product with adequate ventilation in cool areas.			
Never place aerosol in flame or fire, Even when Empty.			
<b>SECTION IX - CONTROL MEASURES</b>			
<b>RESPIRATORY PROTECTION (SPECIFY TYPE)</b> Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.		<b>PROTECTIVE GLOVES</b> Impervious Gloves	
<b>VENTILATION</b>	LOCAL EXHAUST Supplemental (if needed)	<b>SPECIAL</b> None	
	MECHANICAL (GENERAL) To maintain exposure below PELs	<b>OTHER</b> None	
<b>EYE PROTECTION</b> Chemical splash goggles, or approved eye protection.		<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b> Chemical Apron/Eye bath/Safety Shower	
<b>WORK HYGIENIC PRACTICES</b> Wash thoroughly after handling.			
<b>SECTION X - TRANSPORTATION INFORMATION</b>			
<b>DOT PROPER SHIPPING NAME</b> Aerosols		<b>DOT HAZARD CLASS</b> 2.1	
<b>DOT UN NUMBER</b> UN1950		<b>DOT PACKING GROUP</b> N/A	
<b>IATA PROPER SHIPPING NAME</b> Aerosols, flammable		<b>IATA HAZARD CLASS</b> 2.1	
<b>IATA UN NUMBER</b> UN1950		<b>IATA PACKING GROUP</b> N/A	
<b>SECTION XI - 313 SUPPLIER NOTIFICATION</b>			
<b>THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight).</b> Xylene and Ethylbenzene			
<b>WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.</b>			

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# MATERIAL SAFETY DATA SHEET

<b>NOTE: BLANK SPACES ARE NOT PERMITTED. IF ANY ITEM IS NOT APPLICABLE, THE SPACE MUST BE MARKED TO INDICATE THAT.</b>					
<b>IDENTITY</b> (As shown on Label or package)      PLASTI DIP JR. 7.25 FL.OZ. (F-846, 847)			<b>PART NO.</b> IF APPLICABLE      29980042		
<b>SECTION I</b>					
<b>MANUFACTURER'S NAME</b> Plasti Dip International Inc.			<b>EMERGENCY PHONE No.</b> USA only: 1-800-424-9300 INT'L: 703-527-3887		
<b>ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE)</b> 3920 Pheasant Ridge Drive			<b>REVISION #</b> 0003		
Blaine, MN 55449			<b>MANUFACTURER'S PHONE No. FOR INFORMATION</b> 1-763-785-2156		
			<b>DATE MSDS WAS PREPARED</b> October 20, 2004		
<b>SECTION II - HAZARDOUS INGREDIENTS INFORMATION. All Health Hazards which comprise 1% or greater of the composition and all carcinogens if 0.1% of the composition or greater.</b>					
<b>HAZARDOUS COMPONENTS CHEMICAL and IDENTITY AND COMMON NAME (S)</b>	<b>% Wt. (OPTIONAL)</b>	<b>CAS NO.</b>	<b>OSHA PEL</b>	<b>ACGIH TLV</b>	<b>OTHER LIMITS RECOMMEND</b>
VM & P Naphtha	33.5 - 35.6	64742-89-8	300 ppm	300 ppm	None
Heptane	14.5 - 15.1	426260-76-6	500 ppm	400 ppm	None
Xylene	12.5 - 13.0	1330-20-7	100 ppm	100 ppm	None
Methyl Ethyl Ketone	7.5 - 8.3	78-93-3	200 ppm	200 ppm	None
Ethylbenzene	3.0 - 3.2	100-41-4	100 ppm	100 ppm	None
<b>SECTION III - PHYSICAL / CHEMICAL CHARACTERISTICS</b>					
<b>BOILING POINT</b> 175 - 285°F 79 - 141°C	<b>SPECIFIC GRAVITY (H<sub>2</sub>O =1)</b> 0.79 - 0.83		<b>APPROXIMATE WEIGHT PER GALLON (LBS)</b> 6.67 - 6.87		
<b>VAPOR PRESSURE</b> 78 mmHg @ 20°C	<b>VAPOR DENSITY (AIR = 1)</b> Heavier than air		<b>EVAPORATION RATE (BUTYL ACETATE =1)</b> > 1.0		
<b>SOLUBILITY IN WATER</b> Insoluble	<b>% VOLATILE</b> 71 - 75.2% <b>VOC LBS/GAL</b> 4.8 - 5.0		<b>OTHER (IF ANY)</b> None		
<b>APPEARANCE AND ODOR</b> Various Colors, Honey Like Substance - Characteristic Odor					
<b>SECTION IV-FIRE AND EXPLOSION HAZARD DATA</b>					
<b>FLASH POINT</b> 20.0°F / -7°C <b>(METHOD USED)</b> TCC		<b>FLAMMABLE LIMITS</b>	<b>LEL</b> 0.9	<b>UEL</b> 11.5	
<b>EXTINGUISHING MEDIA</b> Carbon Dioxide, Dry Chemical, or Foam					
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Self contained breathing apparatus with a full face piece, operated in pressure demand or other positive pressure mode.					
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> This material is flammable and may be ignited by heat, sparks, flame or static electricity.					
<b>HAZARDOUS PRODUCTS FORMED BY FIRE OR THERMAL DECOMPOSITION</b> Carbon Dioxide and/or Carbon Monoxide.					
<b>EXPLOSIVE LIMITS (% BY VOLUME IN AIR)</b> 0.9 - 11.5					
<b>SECTION V - OPTIONAL HAZARD RATINGS IDENTIFICATION</b>					
<b>HAZARD RATING</b> 4-EXTREME 3-HIGH 2-MODERATE 1-SLIGHT 0-INSIGNIFICANT **SEE SECTION IV		<b>National Fire Protection Association (NFPA)</b>  <b>FIRE</b> 3 <b>REACTIVITY</b> 0  <b>HEALTH</b> 2 <b>SPECIAL HAZARDS</b> None			

<b>SECTION VI - REACTIVITY AND STABILITY DATA</b>			
<b>STABILITY</b>		UNSTABLE	STABLE X
<b>CONDITIONS TO AVOID</b> None			
<b>INCOMPATIBILITY (Materials to Avoid)</b> Strong acids, bases, oxidizing agents, selected amines with alkali metals and halogens.			
<b>HAZARDOUS DECOMPOSITION OR BY PRODUCTS</b> Carbon Monoxide, Carbon Dioxide			
<b>HAZARDOUS POLYMERIZATION</b>		<b>MAY OCCUR</b>	
		WILL NOT OCCUR X	
<b>CONDITIONS TO AVOID</b> None			
<b>SECTION VII - HEALTH HAZARD DATA</b>			
<b>ROUTES OF ENTRY</b>		INHALATION? Yes	SKIN? Yes
		INGESTION? Yes	EYES? Yes
<b>HEALTH HAZARDS</b>	ACUTE X	See Signs and Symptoms of Exposure below.	
	CHRONIC X	Brain and Nervous System Damage (Referred to as solvents or painters syndrome). Drying or Cracking skin.	
<b>CARCINOGENICITY:</b> IARC 2B			
<b>SIGNS AND SYMPTOMS OF EXPOSURE</b>			
Headache, Dizziness, Drowsiness, Fatigue, Irregular Heartbeat, Skin and Eye Irritation.			
Target Organs: CNS, CVS, PNS, Liver, Kidneys, Lungs, Respiratory System, Skin.			
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE</b> Pre-existing Heart, Liver, Kidney and Lung disorders.			
<b>EMERGENCY AND FIRST AID PROCEDURES</b>			
Ingestion: Contact Physician or Poison Control Immediately.			
Inhalation: Remove to fresh air. Administer Oxygen or Artificial Respiration if Necessary.			
Eye Contact: Flush with large amounts of water. If irritation persists, contact Physician.			
Skin: Wash with soap and water.			
<b>SECTION VIII - PRECAUTIONS FOR SAFE HANDLING AND USE</b>			
<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b>			
Wipe up with floor absorbent. Transfer to hood. Prevent run-off to sewers.			
Eliminate all sources of ignition. Ventilate to maintain exposure below PEL's. Use sand or other material to dam or contain spills. If large spill, notify appropriate state and local agencies.			
<b>WASTE DISPOSAL METHODS</b> Dispose of product in accordance with local, county, state and federal regulations.			
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE</b>			
Keep away from sparks, flame and heat sources. Do not store above 120°F and use adequate ventilation.			
Avoid inhalation of vapors and contact with liquid product. Use good personal hygiene.			
<b>OTHER PRECAUTIONS</b>			
Keep Container Closed When Not In Use. Containers should be disposed of in an environmentally safe manner in accordance with Governmental Regulations.			
<b>SECTION IX - CONTROL MEASURES</b>			
<b>RESPIRATORY PROTECTION (SPECIFY TYPE)</b> Depending on the Airborne concentration, use a Respirator with appropriate NIOSH approved cartridge or supplied air equipment.			<b>PROTECTIVE GLOVES</b>
			Impervious Gloves
<b>VENTILATION</b>	<b>LOCAL EXHAUST</b>	Supplemental (if needed)	<b>SPECIAL</b> None
	<b>MECHANICAL (GENERAL)</b>	To maintain exposure below PEL's	<b>OTHER</b> None
<b>EYE PROTECTION</b>			<b>OTHER PROTECTIVE CLOTHING OR EQUIPMENT</b>
Chemical splash goggles, or approved eye protection.			Chemical Apron/Eye bath/Safety Shower
<b>WORK HYGIENIC PRACTICES</b> Wash thoroughly after handling.			
<b>SECTION X - TRANSPORTATION INFORMATION (Optional)</b>			
<b>DOT PROPER SHIPPING NAME</b> Coating Solution		<b>DOT HAZARD CLASS</b> 3	
<b>DOT UN NUMBER</b> UN1139		<b>DOT PACKING GROUP</b> II	
<b>IATA PROPER SHIPPING NAME</b> Coating Solution		<b>IATA HAZARD CLASS</b> 3	
<b>IATA UN NUMBER</b> UN 1139		<b>IATA PACKING GROUP</b> II	
<b>SECTION XI - 313 SUPPLIER NOTIFICATION</b>			
<b>THIS PRODUCT CONTAINS THE FOLLOWING CHEMICALS SUBJECT TO REPORTING REQUIREMENTS OF SECTION 313 OF THE EMERGENCY PLANNING AND COMMUNITY RIGHT -TO-KNOW ACT OF 1986, 40 CFR 372, (see table on page 1 for CAS # and percent by weight).</b>			
Toluene and Methyl Ethyl Ketone			
<b>WARNING: THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS, OR OTHER REPRODUCTIVE HARM.</b>			

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Prepared By: Andrew Stooksbury



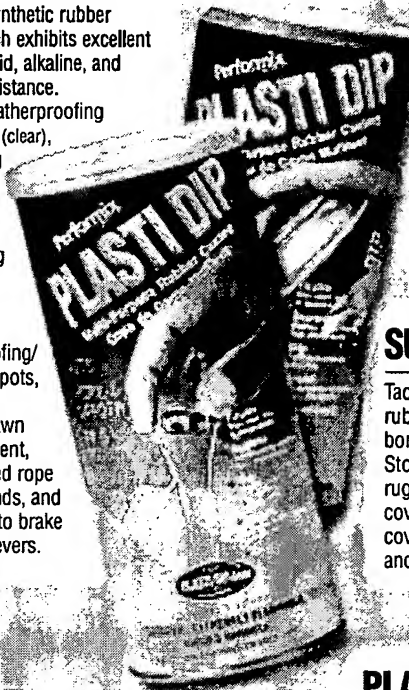


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BRAND

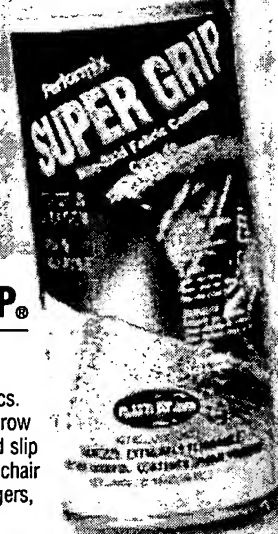
## PLASTI DIP®

A flexible, synthetic rubber coating which exhibits excellent moisture, acid, alkaline, and abrasion resistance. Ideal for weatherproofing paper maps (clear), slip proofing running boards and foot rests, adding grip/color coding tool handles, weatherproofing/sealing clay pots, arts/crafts, protecting lawn care equipment, sealing frayed rope and cable ends, and adding grip to brake and clutch levers.



## SUPER GRIP®

Tackified, synthetic rubber coating that bonds to most fabrics. Stops skidding of throw rugs, bath mats, and slip covers. Use on armchair covers, clothes hangers, and place mats.



## LIQUID TAPE ELECTRICAL

A dielectrical coating which seals out moisture when used on electrical connections: underhood auto repairs, accessory light connections, water/weatherproof wire nut connections, repair damaged extension cord casings, landscape, pool/spa electrical connections, boat trailer connections, and bilge/aerator pumps.



## PLASTISEAM®

Flexible resin system that is excellent for sealing out moisture in pin holes in sewn seams for most fabrics. Waterproofs seams on most types of outdoor fabrics. Ideal for most camping and outdoor gear: awnings, boat tops/covers, sails, tents, backpacks, rainsuits, and boots.



## VYNA BOND

A strong, flexible vinyl contact adhesive, for use on waterbeds, pool liners/covers, tarps, tops, awnings, tow-behind inflatables, waders, and outdoor gear.



## VLP® Vinyl/Leather Repair

A clear, strong, flexible adhesive designed to mend rips, tears, and small holes on most types of vinyl surfaces: dashboards, seats, pool/spa covers, luggage, dishwasher racks, awnings, tarps/covers, inflatables, and outdoor gear.



## PLASTI DIP INTERNATIONAL

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# PLASTI DIP®

## MULTI-PURPOSE RUBBER COATING

### DESCRIPTION:

PLASTI DIP® is an air dry, synthetic rubber coating that can be easily applied by spraying, brushing or dipping. PLASTI DIP® resists moisture, acids, abrasion, weathering, electrical shock, skidding/slipping, corrosion; coats and gives a comfortable, controlled, color coded grip to all types of tools; lawn and garden, mechanical, electrical, woodworking and masonry. PLASTI DIP® can also be applied to:

Wood: seals and protects from weathering and prevents splinters.

Metal: reduces vibration, deadens sound, prevents corrosion, insulates electrically and from extreme temperatures.

Glass: shatterproofs glass objects (available in clear).

Rope/Fabrics: weatherproofs, prevents rotting and fraying.

Plastics: protects delicate surfaces from scratches.

Rubber: weatherproofs, wear resistant.

Maps: weatherproofs, tear resistant (available in clear).

### SPECIFICATIONS:

Solids: (wt.) 24%

Tensile: (ASTM D -638) 3,740psi

Elongation: (ASTM D -638) 430%

Cut resistance: (ASTM D -1044) very good

Stone abrasion: (ASTM D -3170) excellent

Shelf life: 1 year at 77°F

Chemical resistance:

acids, alkalines, pollutants: excellent

petroleum: limited

Durometer: shore A (ASTM D -2240) 70

Salt spray: (ASTM B -117) passed 1,000 hours

Weatherability: (ASTM G -53) 3-5 years: PLASTI DIP

7 -10 years: PLASTI DIP U.V. Stable

Temperature use range: -30°F to 200°F.

Viscosity range: 80 - 100 K.U. @ 77°F (+/- 2°F)

Permeability: (ASTM E -96) .03 grains/sq. ft./hr.

Coverage: 30 sq.ft. per gallon at 15 mils

Dielectric: (ASTM D -149) 1,400 v/mil

### ALTERNATIVE PRODUCTS:

For a water base alternative see HCFeccs® technical data sheet

### SURFACE PREPARATION:

#### MIX WELL BEFORE USE.

All surfaces to be coated must be free of all oils, grease, dirt, wax and loose rust. A sandblasted or rough surface improves adhesion. Use PLASTI DIP® PRIMER on all metals for best results.

### USE ADEQUATE VENTILATION.



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PLASTI DIP.com



**SPRAYING:** Pressure pot may be used (siphon cup not recommended). Dilute with recommended thinners up to 50% as needed. Gently mix before spraying. Apply wet overlapping coats, holding gun 6" -12" from surface, using a 4"-6" pattern. Allow 10 -20 minutes dry time before applying additional coats to desired thickness.

#### **RECOMMENDED EQUIPMENT AND SETTINGS:**

Gun: Binks® model 95

Nozzle: 63B

Needle: 663A

Material: 20-25psi

Atomization: 15-25psi

Dilution: as needed

Cap: 63PB (up to 50% dilution) or 66S D (up to 50% dilution) for heavier build up.

Clean up: see recommended thinners.

**SPRAYING:** Airless equipment may be used. Use as described above.

Tip size: .011 - .019

Pressure: as needed

Dilution: up to 50%

**DIPPING:** Dilute with recommended thinners up to 25% as needed. Gently mix before each use. Do not introduce air bubbles. Insert item 1" every 5 seconds. Remove at same rate. Allow 30 -40 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

**BRUSHING:** Dilute with recommended thinners up to 25% as needed. Gently mix before each use. Apply wet overlapping coats using a soft natural bristle brush. Allow 10 -20 minutes (dry to the touch) dry time before applying additional coats to desired thickness.

#### **HINTS:**

Recommended thinners: PLASTI DIP ® THINNER, Toluene or VM&P Naphtha. A dry film thickness of 12 -15 mils is recommended for best results. Approximate dry mil thickness per coat, dipping 6 -8 mils; brushing 4 -5 mils; spraying 2-5 mils. **Allow 4 hours dry time per coat before use.** Allow overnight drying whenever possible. When using a dip tank, allow 6" minimum from fluid surface to tank top to avoid "skinning over". Avoid excessive air movement, heat or humidity. Always use proper ventilation and protection.

## **ADDITIONAL APPLICATION IDEAS**

Transformers

Rope

Joy Sticks

Electrical Boxes placed on the ground

Stove/Oven handles

LaCrosse Sticks/Nets

Food Grade Barrels

Control Boxes

Metal Grates

Pumps

Valves / Actuators

Pulleys & Rings

Poles

Underground tanks

Hardware & Metal surfaces to prevent electrical discharge & sparks

Cables / Straps

Wood

Circuit Boards

Magnets

Fabric

Astro Turf

Crutch Handles

Relay Electric Wench

Sharp edges

Hand Tools

Curtains

Clips

Glass

Pipes

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